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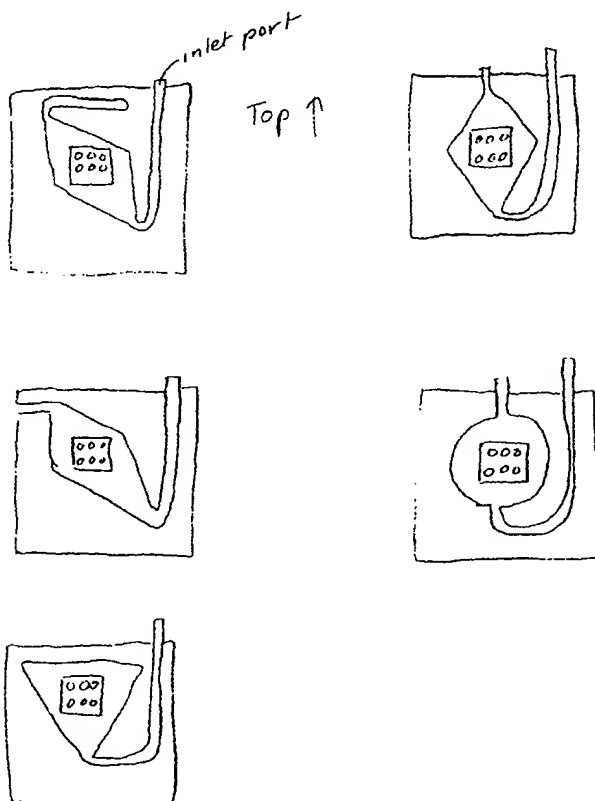
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- (71) Applicant: **CLINICAL MICRO SENSORS, INC.**  
[US/US]; 757 South Raymond Avenue, Pasadena, CA 91105 (US).
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(54) Title: **DEVICES AND METHODS FOR BIOCHIP MULTIPLEXING**



(57) Abstract: A biochip cartridge comprising: a) a reaction chamber comprising: i) a substrate comprising an array of electrodes, each comprising: A) a self-assembled monolayer; and B) a capture binding ligand; and ii) an inlet port for the introduction of reagents; and b) interconnects to allow the electrical connection of said electrodes to a processor.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01L3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

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Further documents are listed in the continuation of box C



Patent family members are listed in annex.

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\*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hodson, M

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